INTERNATIONAL SEARCH REPORT

International application No.

PCT/US04/19271

A. CLASS	SIFICATION OF SUBJECT MATTER	0/09		
77013 4 10/44, LIO2T 7/14, LIO1T 25/00: (H)3B //08, 9/00				
US CL: 320/101, 166, 167, 307/64, 62233.1, 5.2, 5.7, 4.2 Coording to International Patent Classification (IPC) or to both national classification and IPC				
B. FIBLDS SEARCHED				
Minimum documentation searched (classification system followed by classification symbols)				
U.S.: 320/101, 166, 167; 307/64; 62/235.1, 3.2, 3.7; 136/203, 246; 396/106, 166				
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched				
None				
Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)				
EAST, STN				
EASI, SIN				
	TO DE DEL EVANT			
	UMENTS CONSIDERED TO BE RELEVANT Citation of document, with indication, where app	propriete of the relevant passages	Relevant to claim No.	
Category *	Citation of document, with indication, where app	(2001) see entire document.	1-20	
Α	US 6,216,480 B1 (CAMUS et al.) 17 April 2001 (17.0	14.2001), 500 onthe document.		
	W DYODEIG -4 -1) 06 Feb 2001 (06	02 2001), see entire document.	1-20	
Α	US 6,184,593 B1 (JUNGREIS et al) 06 Feb 2001 (06.			
	US 3,570,381 A (SATOO et al) 16 March 1971 (16.03.1071), see entire document.			
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Furth	er documents are listed in the continuation of Box C.	See patent family annex.		
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		and not in conflict with the application principle or theory underlying the inve	ention	
1 "A" document defining the general state of the air which is not defined as				
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"P" docume	ent published prior to the international filing date but later than the	"&" document member of the same patent	t territy	
priority	oriority date claimed			
Date of the	actual completion of the international search	Date of mailing of the international se	arch report	
1		07 APR 2005		
18 November 2004 (18.11.2004) Authorized officer				
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Mail Stop PCT, Attn: ISA/US		Pia F Tibbits		
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Alexandria, Virginia 22313-1450				
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